

## Declaration For Patent Application

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

### SYSTEM AND METHOD FOR ENCODING PROCESSING ELEMENT COMMANDS IN AN ACTIVE MEMORY DEVICE

the specification of which  
(check one)

☒ is attached hereto.

☐ was filed on \_ as US/PCT International Patent Application No. \_ and was amended on \_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

<u>0307087.7</u>	<u>UK</u>	<u>March 27, 2003</u>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

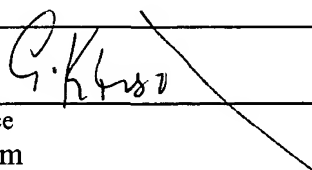
Send Correspondence to:

Customer No. 27,076

Edward W. Bulchis, Esq.  
Registration No. 26,847  
Dorsey & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
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USA

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Edward W. Bulchis, Esq.  
Telephone: (206) 903-8785, fax (206)903-8820

Full name of sole inventor Graham Kirsch	
Sole or first inventor's signature 	Date 30 June 2003
City & State or Country of Residence Tadley, Hants, United Kingdom	
Citizenship British	
Post Office Address 2 Ringshall Gardens, Bramley Tadley, Hants RG26 5BW, United Kingdom	

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Graham Kirsch Attorney Docket No.: 501276.02  
Filed : Concurrently herewith  
Title : SYSTEM AND METHOD FOR ENCODING PROCESSING ELEMENT  
COMMANDS IN AN ACTIVE MEMORY DEVICE

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Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73(b) AND POWER OF ATTORNEY**

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor.

Assignee hereby appoints EDWARD W. BULCHIS, Reg. No. 26,847; PAUL T. MEIKLEJOHN, Reg. No. 26,569; KIMTON N. ENG, Reg. No. 43,605; BRIAN C. PARK, Reg. No. 45,519; MARK W. ROBERTS, Reg. No. 46,160; STEVEN H. ARTERBERRY, Reg. No. 46,314; PAUL F. RUSYN, Reg. No. 42,118; JAMES ACKLEY, Reg. No. 45,695; RONALD BROWN, Reg. No. 29,016; DAVID BRUHN, Reg. No. 36,762; KEVIN CHAPPLE, Reg. No. 44,072; W. ROBINSON CLARK, Reg. No. 41,530; SHANE COLEMAN, Reg. No. 44,623; GREGORY DURBIN, Reg. No. 42,503; DANIEL FISHER, Reg. No. 34,162; DAVID FRONEK, Reg. No. 25,678; ANTHONY GANGEMI, Reg. No. 42,565; MICHAEL

GILCHRIST, Reg. No. 40,619; THERESA HANKES, Reg. No. 45,501; JOHN HARROP, Reg. No. 41,817; BRAD HATTENBACH, Reg. No. 42,642; REED HEIMBECHER, Reg. No. 36,353; CRAIG HEMENWAY, Reg. No. 44,759; STUART HEMPHILL, Reg. No. 28,084; MARK HOGGE, Reg. No. 31,622; JOHN KENNEDY, Reg. No. 42,717; JASON KRAUS, Reg. No. 42,765; BRIAN LAURENZO, Reg. No. 34,207; KENNETH LEVITT, Reg. No. 39,747; KURT LEYENDECKER, Reg. No. 42,799; SCOTT MARKS, Reg. No. 44,902; KEITH MONTGOMERY, Reg. No. 45,245; ALDO NOTO, Reg. No. 35,628; LEE OSMAN, Reg. No. 38,260; DEVAN PADMANABHAN, Reg. No. 38,262; JAMES PINTO, Reg. No. 40,774; GARY POLUMBUS, Reg. No. 25,364; SCOTT ROTHENBERGER, Reg. No. 41,277; LEONARD SANTISI, Reg. No. 24,135; ROBERT SCHEFFEL, Reg. No. 43,090; AMI SHAH, Reg. No. 41,143; MIRIAM SOHN, Reg. No. 35,368; HERMES SOYEZ, Reg. No. 45,852; GERALD SULLIVAN, Reg. No. 37,243; MARK THOMAS, Reg. No. 37,953; JON TUTTLE, Reg. No. 25,713; MEGAN VALENTINE, Reg. No. 47,149; LANCE VIETZKE, Reg. No. 36,708; SEAN WOODEN, Reg. No. 43,997; and the attorneys and agents associated with the firm of **DORSEY & WHITNEY LLP**, Customer Number 27,076, along with MICHAEL L. LYNCH, Reg. No. 30,871; CHARLES B. BRANTLEY, II, Reg. No. 38,086; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of MICRON TECHNOLOGY, INC., 8000 South Federal Way, Boise, Idaho 83716-9632, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to **Edward W. Bulchis** at (206) 903-8800 and telecopies to (206) 903-8820.

Please direct all communications to:

Edward W. Bulchis, Esq.  
**Customer No. 27,076**  
 Dorsey & Whitney LLP  
 1420 Fifth Avenue, Suite 3400  
 Seattle, Washington 98101  
 (206) 903-8800

Pursuant to 37 C.F.R. § 3.73(b), the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the

Assignment to MICRON TECHNOLOGY, INC., filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MICRON TECHNOLOGY, INC.  
ASSIGNEE

7-17-03  
DATE

  
Michael L. Lynch  
Chief Patent Counsel

Enclosure:  
Copy of Assignment

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Graham Kirsch

Filed : Concurrently herewith

For : SYSTEM AND METHOD FOR  
ENCODING PROCESSING ELEMENT  
COMMANDS IN AN ACTIVE  
MEMORY DEVICE

Docket No. 501276.02

Disclosure No. 02-0704

ASSIGNMENT:

  X   Enclosed for recording

       Previously recorded

Date:                     

Reel:                     

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

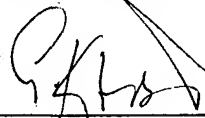
SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**SYSTEM AND METHOD FOR ENCODING PROCESSING ELEMENT COMMANDS IN AN ACTIVE MEMORY DEVICE**"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

  
\_\_\_\_\_  
Graham Kirsch

Date: 30 June 2003

STATE OF UNITED KINGDOM  
County of Hampshire ) ss.

BEFORE ME, this 30 day of JUNE, 2003, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

  
\_\_\_\_\_  
Witness

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